

**WHAT IS CLAIMED IS:**

1. A fuse device comprising:

a casing;

an initiating detonator disposed in the casing;

5 a firing booster arranged to be ignited in response to detonation of the initiating detonator; and

an electrically actuated power device for detonating the initiating detonator, comprising:

a housing;

a piston slidably disposed in the housing, and

10 an electrically ignitable pyrotechnic charge disposed in the bore adjacent a rear end of the piston for advancing the piston toward the initiating detonator.

2. The fuse device according to claim 1 wherein the housing forms an opening in which the piston is disposed, the opening comprising a rear  
15 cylindrical bore in which a rear portion of the piston is disposed, and a front generally conical mouth in which a front portion of the piston is disposed; a synthetic foam material disposed in the mouth to adhere the piston to the housing.

3. The fuse device according to claim 1 further including a bridge primer disposed in the pyrotechnic charge, and connected to an electrical source.

5 4. The fuse device according to claim 1 wherein a front nose portion of the piston is generally pointed.

5. The fuse device according to claim 1 wherein a front nose portion of the piston is blunt.

10 6. The fuse device according to claim 1 wherein the initiating detonator is movable from a first position out of alignment with the firing pin to a second position aligned with the firing pin.

7. A fuse device comprising:

a casing;

an initiating detonator disposed in the casing;

15 means for moving the initiating detonator from a first position to a second position in the casing;

a firing booster arranged to be ignited in response to detonation of the initiating detonator; and

20 an electromagnetic power device for detonating the initiating detonator, comprising a firing pin arranged to be out of alignment with the initiating detonator when the initiating detonator is in its first position, and in alignment with the initiating detonator when the

initiating detonator is in its second position, the firing pin being displaceable toward the initiating detonator under an electromagnetic force generated in the power device when the initiating device is in its second position.

- 5            8. The fuse device according to claim 7 wherein the power device comprises an electric solenoid having a cylinder and a slidable element disposed in the cylinder, the sliding element including the firing pin.

9. The fuse device according to claim 7 wherein the fuse device is operable in response to receipt of an electric signal from an electronic firing  
10    system in the fuse device.